

This instrument was developed as a part of the Erika E. Smith's (2016) doctoral thesis, *Exploring undergraduate perceptions of meaning making and social media in their learning*, completed at the University of Alberta. For more information, please see: <http://hdl.handle.net/11205/271> and <https://doi.org/10.1186/s41239-017-0049-y>

Additional file 1: Survey Instrument

Q1. Consent

- ☐ I agree
☐ I do not agree (*branching – ends survey*)

Q2. Are you an undergraduate student?

- ☐ Yes
☐ No (*branching – ends survey*)

Q3. Are you enrolled as a full-time student at the University of Alberta?

- ☐ Yes
☐ No

Q4. What Faculty are you enrolled in?

- | | |
|---|--|
| <input type="radio"/> Agricultural, Life and Environmental Sciences | <input type="radio"/> Native Studies |
| <input type="radio"/> Alberta School of Business | <input type="radio"/> Nursing |
| <input type="radio"/> Arts | <input type="radio"/> Pharmacy and Pharmaceutical Sciences |
| <input type="radio"/> Education | <input type="radio"/> Physical Education and Recreation |
| <input type="radio"/> Engineering | <input type="radio"/> Rehabilitation Medicine |
| <input type="radio"/> Law | <input type="radio"/> Science |
| <input type="radio"/> Medicine & Dentistry | <input type="radio"/> School of Public Health |

Other (please specify)

Q5. What program (e.g., department) are you enrolled in?

Q6. What year of study are you in?

- ☐ (1) First Year
☐ (2) Second Year
☐ (3) Third Year
☐ (4) Fourth Year

Other (please specify)

Q7. What is your year of birth?

☐ 1989

☐ 1990

☐ 1991

☐ 1992

☐ 1993

☐ 1994

☐ 1995

☐ 1996

Other (please specify)

Q8. Do you identify yourself as:

☐ Male

☐ Female

Other (please specify)

Q9. Are you an international student?

☐ Yes

☐ No

Q10. How do you make meaning ("make sense") of your university learning?

Please check all that apply:

a) ☐ gaining your own deep understanding (e.g., of a concept)

b) ☐ saying something in your own words

c) ☐ interacting with different perspectives

d) ☐ discussing with other people

e) ☐ applying your experience to real life (e.g., your career)

f) ☐ putting your learning into context

g) ☐ researching information

h) ☐ seeking help from others

i) ☐ working through the process of figuring something out (e.g., solving a problem)

Other (please specify)

Q11. How do you most often make meaning ("make sense") of your university learning?

- ☐ individually (personally)
- ☐ with others (socially)
- ☐ both individually (personally) and with others (socially)

Perceptions of Social Media

Social media include applications and websites that allow users to create and share content. Social media also enable users to connect via web technologies or to participate in social networks.

Q12. Do you use social media in your own university learning?

- ☐ Yes (*branching – goes to questions 13-17*)
- ☐ No (*branching – goes to question 18*)

Q13. In your own university learning, do you use any of the following? Please check all that apply:

- a) ☐ Blogs (e.g., Blogger, WordPress)
- b) ☐ Wikis (e.g., Wikimedia)
- c) ☐ Google Apps (e.g., Google Calendar, Google Docs)
- d) ☐ Image sharing (e.g., Flickr, Instagram, Pinterest)
- e) ☐ Social bookmarking (e.g., Delicious)
- f) ☐ Social networking (e.g., Facebook, Google+)
- g) ☐ Social news sites (e.g., Reddit)
- h) ☐ VOIP and Instant messaging (e.g., Skype, Google Talk/Chat, WhatsApp)
- i) ☐ Do-it-yourself networks (e.g., Ning)
- j) ☐ File sharing (e.g., Dropbox, Google drive, BitTorrent)
- k) ☐ Video sharing (e.g., YouTube, Vine)
- l) ☐ Location-based applications (e.g., Foursquare, Google Maps)
- m) ☐ Microblogs (e.g., Twitter)

Other (please specify)

Q14. In your opinion, do you see these social media as an important part of your university learning?

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
a) Blogs (e.g., Blogger, WordPress)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Wikis (e.g., Wikimedia)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Google Apps (e.g., Google Calendar, Google Docs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Image sharing (e.g., Flickr, Instagram, Pinterest)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Social bookmarking (e.g., Delicious)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) Social networking (e.g., Facebook, Google+)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) Social news sites (e.g., Reddit)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) VOIP and Instant messaging (e.g., Skype, Google Talk/Chat, WhatsApp)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i) Do-it-yourself networks (e.g., Ning)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j) File sharing (e.g., Dropbox, Google Drive, BitTorrent)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k) Video sharing (e.g., YouTube, Vine)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l) Location-based applications (e.g., Foursquare, Google Maps)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
m) Microblogs (e.g., Twitter)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

Q15. In your opinion, are the following characteristics of social media useful for your university learning?

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
a) Building relationships with peers (e.g., Facebook, LinkedIn)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Building relationships with instructors (e.g., Facebook, LinkedIn)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Creating media to share online (e.g., pictures, videos, music)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Sharing information online (e.g., links to websites, articles)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Posting/Re-posting media or information found online (e.g., re-tweeting, sharing links)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) Commenting on media or information found online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) Collaborating to create documents online (e.g., Google docs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) Tracking and managing your academic schedule	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

Q16. In your opinion, do the following characteristics of social media help you to make meaning (make sense) of your university learning?

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
a) Building relationships with peers (e.g., Facebook, LinkedIn)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b) Building relationships with instructors (e.g., Facebook, LinkedIn)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c) Creating media to share online (e.g., pictures, videos, music)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d) Sharing information online (e.g., links to websites, articles)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e) Posting/Re-posting media or information found online (e.g., re-tweeting, sharing links)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f) Commenting on media or information found online	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g) Collaborating to create documents online (e.g., Google docs)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h) Tracking and managing your academic schedule	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Other (please specify)

Q17. Please take a moment to tell us why you use social media in your university learning.

Q18. Please take a moment to tell us why you do not use social media in your university learning.

Thank you for completing this survey!

You can choose to be entered in a draw to win a \$25 iTunes gift cards by following this link to a Google form that is separate from SurveyMonkey: [Click here to enter your name into the iTunes gift card draw](#)

Q19. Other comments or questions about this study? Please list them here: